#### **BEFORE**

#### THE PUBLIC SERVICE COMMISSION OF

#### **SOUTH CAROLINA**

#### **DOCKET NO. 2006-97-WS**

August 21, 2006

| Application of Tega Cay Water          | ) |                      |
|--|---|----------------------|
| Service, Inc. for adjustment of        | ) | SETTLEMENT AGREEMENT |
| rates and charges and modifications to | ) |                      |
| certain terms and conditions for the   | ) |                      |
| provision of water and sewer service.  | ) |                      |
|  | ) |                      |

This Settlement Agreement is made by and between the Office of Regulatory Staff ("ORS") and Tega Cay Water Service, Inc. ("TCWS" or "the Company") (together referred to as the "Parties" or sometimes individually as "Party").

WHEREAS, the Company has prepared and filed an Application seeking an adjustment of its rates and charges and modifications to certain terms and conditions set out in its rate schedule for the provision of its water and sewer service;

WHEREAS, the above-captioned proceeding has been established by the South Carolina Public Service Commission ("Commission") pursuant to the procedure established in S.C. Code Ann. § 58-5-240 (Supp. 2005), and the Parties to this Settlement Agreement are the only parties of record in the above-captioned docket;

WHEREAS, since the filing of the Application, ORS has propounded numerous data requests to TCWS and the Company has provided those responses to ORS;

WHEREAS, ORS has audited the books and records of the Company relative to the matters raised in the Application and, in connection therewith, has requested of and received from the Company additional documentation;

WHEREAS, the Parties have varying legal positions regarding the issues in this case;

WHEREAS, the Parties have engaged in discussions to determine if a settlement of the issues would be in their best interests and, in the case of ORS, in the public interest; and

WHEREAS, following those discussions the Company has determined that its interests and ORS has determined that the public interest would be best served by stipulating to a comprehensive settlement of all issues pending in the above-captioned case under the terms and conditions set forth herein;

NOW, THEREFORE, the Parties hereby stipulate and agree to the following terms, which, if adopted by the Commission in its Order on the merits of this proceeding, will result in rates and terms and conditions of water and sewer service which are adequate, just, reasonable, nondiscriminatory, and supported by the evidence of record of this proceeding, and which will allow the Company the opportunity to earn a reasonable rate of return.

- 1. The Parties agree that no documentary evidence will be offered in the proceeding by the Parties other than: (1) the Application filed by the Company, (2) the exhibits to the testimony referenced in paragraph 2 below, and (3) this Settlement Agreement with Exhibits "A"- "E" attached hereto.
- 2. The Parties stipulate and agree to include in the hearing record of this case the pre-filed direct testimonies of Willie J. Morgan, Lena Sunardio and Bruce T. Haas, including all exhibits attached to said pre-filed testimonies, without objection, change, amendment, or cross-

examination. The Parties also stipulate and agree to include in the hearing record of this case without objection, change, amendment, or cross-examination the portion of the pre-filed rebuttal testimony of Bruce T. Haas attached hereto as Exhibit "A" and the testimony of Daniel Sullivan containing Revised Audit Exhibits DS-1 through DS-11 attached hereto as Exhibit "B". Further, the parties agree to include in the hearing record of this case without objection, change, amendment, or cross examination the Settlement testimony of witnesses B. R. Skelton, PhD. and Converse A. Chellis, III, CPA, attached hereto and incorporated herein by this reference as Exhibits "C"and "D".

- 3. The Parties stipulate and agree that the accounting exhibits prepared by ORS and attached to the testimony of Daniel Sullivan filed as Exhibit "B" hereto fairly and reasonably set forth the Company's operating expenses, pro forma adjustments, depreciation rates, rate base, return on equity at an agreed upon rate of 9.40%, revenue requirement, and rate of return on rate base.
- 4. The Parties stipulate and agree that the rate schedule attached hereto as Exhibit "E", including the rates and charges and terms and conditions of service, are fair, just, and reasonable. The Parties further stipulate and agree that the rates contained in said rate schedule are reasonably designed to allow the Company to provide service to its water and sewer customers at rates and terms and conditions of service that are fair, just and reasonable and the opportunity to recover the revenue required to earn a fair return on its investment..
- 5. ORS is charged by law with the duty to represent the public interest of South Carolina pursuant to S.C. Code § 58-4-10(B) (added by Act 175). S.C. Code § 58-4-10(B)(1) through (3) reads in part as follows:

- ... 'public interest' means a balancing of the following:
- (1) concerns of the using and consuming public with respect to public utility services, regardless of the class of customer;
- (2) economic development and job attraction and retention in South Carolina; and
- (3) preservation of the financial integrity of the State's public utilities and continued investment in and maintenance of utility facilities so as to provide reliable and high quality utility services.

ORS believes the agreement reached between the Parties serves the public interest as defined above. The terms of this Settlement Agreement balance the concerns of the using public while preserving the financial integrity of the Company. ORS also believes the Settlement Agreement promotes economic development within the State of South Carolina. The Parties stipulate and agree to these findings.

- 6. In its Application, the Company requested an increase in annual revenues of \$196,542. As a compromise to their respective positions, the Parties stipulate and agree to an increase in annual revenues of \$59,619, said increase to be based upon the adjustments reflected in Exhibit "B" and the return on equity stipulated to by the Parties in Paragraph 7 below.
- 7. The Company and ORS recognize the value of resolving this proceeding by settlement rather than by litigation and, therefore stipulate and agree for purposes of settlement in this case that a return on equity of 9.40% is just and reasonable under the specific circumstances of this case in the context of a comprehensive settlement.
- 8. The Parties further stipulate and agree that the stipulated testimony of record, the Application, and this Settlement Agreement conclusively demonstrate the following: (i) the proposed accounting and pro forma adjustments and depreciation rates shown in Revised Audit Exhibits DS-1 through DS-11 of Exhibit "B" hereto are fair and reasonable and should be

adopted by the Commission for ratemaking and reporting purposes; (ii) a return on common equity of 9.40 %, which yields a fair rate of return on rate base for the Company of 7.64%, an operating margin of 6.95%, and an annual increase in revenues of approximately \$59,619, is fair, just, and reasonable when considered as a part of this stipulation and settlement agreement in its entirety; (iii) TCWS's services are adequate and being provided in accordance with the requirements set out in the Commission's rules and regulations pertaining to the provision of water sewer and sewer service, and (iv) TCWS's rates as proposed in this Settlement Agreement are fairly designed to equitably and reasonably recover the revenue requirement and are just and reasonable and should be adopted by the Commission for service rendered by the Company on and after October 3, 2006.

- 9. The Parties further agree and stipulate that the rate schedule attached hereto as Exhibit "E", including the rates and charges and the terms and conditions set forth therein, are just and reasonable, reasonably designed, and should be approved and adopted by the Commission.
- 10. TCWS agrees and stipulates that it will file with the Commission a performance bond for water service in the amount of \$300,000 and a performance bond for sewer service in the amount of \$350,000 by December 31, 2006. TCWS further agrees and stipulates that it will, no later than December 31, 2006, deliver to the State of South Carolina the sum of \$10,822.92 pursuant to the terms of the South Carolina Uniform Unclaimed Property Act, which sum represents the balance of refund monies posted to inactive accounts per Order Nos. 1999-191, 1999-457 and 1999-733 in TCWS's last rate case.

- 11. The Parties agree to advocate that the Commission accept and approve this Settlement Agreement in its entirety as a fair, reasonable and full resolution of the above-captioned proceeding and to take no action inconsistent with its adoption by the Commission. The Parties further agree to cooperate in good faith with one another in recommending to the Commission that this Settlement Agreement be accepted and approved by the Commission. The Parties agree to use reasonable efforts to defend and support any Commission order issued approving this Settlement Agreement and the terms and conditions contained herein.
- 12. The Parties agree that signing this Settlement Agreement will not constrain, inhibit, impair, or prejudice their arguments made or positions held in other proceedings. If the Commission should decline to approve the agreement in its entirety, then any Party desiring to do so may withdraw from the Settlement Agreement without penalty or obligation.
  - 13. This Settlement Agreement shall be interpreted according to South Carolina law.
- 14. The above terms and conditions fully represent the agreement of the Parties hereto. Therefore, each Party acknowledges its consent and agreement to this Settlement Agreement by affixing its signature or by authorizing its counsel to affix his or her signature to this document where indicated below. Counsel's signature represents his or her representation that his or her client has authorized the execution of the agreement. Facsimile signatures and e-mail signatures shall be as effective as original signatures to bind any party. This document may be signed in counterparts, with the various signature pages combined with the body of the document constituting an original and provable copy of this Settlement Agreement. The Parties agree that in the event any Party should fail to indicate its consent to this Settlement Agreement

and the terms contained herein, then this Settlement Agreement shall be null and void and will not be binding on any Party.

#### WE AGREE:

### Representing the South Carolina Office of Regulatory Staff

Wendy B. Cartledge
Wendy B. Cartledge, Esquire Jeffrey M. Nelson, Esquire

S.C. Office of Regulatory Staff

Post Office Box 11263

1441 Main Street (Suite 300)

Columbia, SC 29211

Phone: (803) 737-0863/(803) 737-0823 (803) 737-0895 Fax:

E-mail: wcartle@regstaff.sc.gov

jnelson@regstaff.sc.gov

### WE AGREE:

Representing Tega Cay Water Service, Inc.

John M.S. Hoefer, Esquire

Willoughby & Hoefer, P.A. Post Office Box 8416

1022 Calhoun Street, Suite 302

Columbia, SC 29202-8416

Phone: (803) 252-3300 Fax:

(803) 256-8062

E-mail: jhoefer@willoughbyhoefer.com

### **BEFORE**

### THE PUBLIC SERVICE COMMISSION OF

### SOUTH CAROLINA

### **DOCKET NO. 2006-97-WS**

|    | IN R                     | E: )   |
|----|--------------------------|--|
|    | Servi<br>rates<br>certai | ication of Tega Cay Water  ce, Inc. for adjustment of and charges and modifications to n terms and conditions for the sion of water and sewer service.   REBUTTAL TESTIMONY  OF  BRUCE T. HAAS |
| 1  | Q.                       | ARE YOU THE SAME BRUCE T. HAAS THAT HAS PREFILED DIRECT  |
| 2  |                          | TESTIMONY IN THIS CASE?  |
| 3  | A.                       | Yes, I am.   |
| 4  |                          |  |
| 5  | Q.                       | WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY IN THIS   |
| 6  |                          | PROCEEDING, MR. HAAS?  |
| 7  | A.                       | The purpose of my rebuttal testimony is to respond on behalf of Tega Cay Water Service,  |
| 8  |                          | Inc., or "TCWS", to some of the specific and general comments our customers made   |
| 9  |                          | during the night hearing in this matter.   |
| 10 |                          |  |
| 11 | Q.                       | WHAT CUSTOMER CONCERNS EXPRESSED AT THE NIGHT HEARING DO   |
| 12 |                          | YOU WISH TO RESPOND TO, MR. HAAS?  |
| 13 | A.                       | Two of our customers complained of recent incidences of low water pressure. The  |
| 14 |                          | reason these customers experienced low pressure was that the Company took its elevated   |

storage facility off-line so that it could be painted. While we do regret the inconvenience, the painting was necessary to maintain the system.

Two of our customers complained about faulty meter readings and inconsistent billing dates. There were in fact occasions during the test year when personnel employed by our contract meter reader did not perform their duties in a timely and proper manner. At the Company's behest, our contractor discharged its personnel who were responsible and I believe the problem has been resolved. Of course, we have adjusted the bills of customers who were affected by erroneous meter readings and regret the inconvenience that it caused.

Three of our customers complained about water clarity or particles. As the Commission is aware, the Company purchases bulk water from York County. Occasionally, line flushing can introduce particles which create an unpleasant appearance that cannot be avoided. Our water meets all DHEC and EPA standards for consumption. Whenever a customer complains about the appearance of the water and we have not been flushing lines, we do investigate.

Two of our customers complained about sanitary sewer overflows, or SSOs. One customer stated that the Company had thirteen SSOs in an eighteen month period and asserted that York County only had 5 SSOs and Fort Mill none during that same period. This customer also suggested that the SSOs were endangering the health of residents. I would like to address these issues by explaining to the Commission what constitutes an

SSO, how DHEC regulates them, and why the comparisons made are not valid. An SSO occurs whenever there is an unauthorized discharge of wastewater. These can occur from lift stations, manholes or mains. However, an SSO is only required to be reported to DHEC in one of two circumstances, which are when the discharge exceeds five hundred gallons or when the discharge reaches a stream or other body of water. As the Commission may have noticed when it visited Tega Cay for the night hearing, the topography is very hilly and the property is situated on the shores of Lake Wylie. The majority of the Company's main sewer lines and lift stations are located between the residences and the shore lines. Accordingly, whenever an overflow occurs, there is a good chance that the wastewater will reach the lake, resulting in a reportable discharge. Based upon my knowledge of York County, neither the York County nor Fort Mill systems have such proximity to a stream or other body of water. In fact, the customer testifying on this point stated that York County's spills were from a force main on Highway 49 and one in a residential development the County serves located some distance from the lake. Additionally, although York County has a larger number of lift stations than does TCWS, they are not concentrated in a single, hilly area like the lift stations serving Tega Cay which makes immediate access for repairs difficult. So, I do not believe that the comparison this customer seeks to draw is valid. With respect to the putative health issues, I would note that none of these SSOs resulted in a fine of the Company by DHEC. As this customer noted, ten of the thirteen SSOs were caused by line blockages. Most of these were a combination of roots or grease. Grease collection and root intrusion into lines are usually not discovered until an SSO occurs unless it is

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revealed in the course of television inspection of our lines. We try to televise 10% of our lines every year. Regarding our alarm systems for overflows, we have installed telemetry devices at our lift stations to supplement the audible and visual alarms. And, as one of the customers noted, we have instituted a voice reach program that contacts customers telephonically to alert them whenever there is a problem on the system and that program is working.

### 8 Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?

9 A. Yes, it does.

# THE OFFICE OF REGULATORY STAFF SETTLEMENT TESTIMONY

**OF** 

**DANIEL F. SULLIVAN** 



DOCKET NO. 2006-97-W/S

APPLICATION OF

TEGA CAY WATER SERVICE, INC.

FOR ADJUSTMENT OF RATES AND CHARGES

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| SETTLEMENT TESTIMONY OF DANIEL F. SULLIVAN                                       |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  | FOR  |  |  |  |  |  |  |
|  | THE OFFICE OF REGULATORY STAFF   |  |  |  |  |  |  |
|  | <b>DOCKET NO. 2006-97-W/S</b>  |  |  |  |  |  |  |
|  | IN RE: TEGA CAY WATER SERVICE, INC.  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Q.   | PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND OCCUPATION.                             |  |  |  |  |  |  |
| A.   | My name is Daniel F. Sullivan. My business address is 1441 Main Street, Suite 300,   |  |  |  |  |  |  |
| Columbia, South Carolina, 29201. I am employed by the Office of Regulatory Staff |  |  |  |  |  |  |  |
|  | ("ORS") as an Auditor.   |  |  |  |  |  |  |
| Q.   | PLEASE STATE YOUR EDUCATIONAL BACKGROUND AND YOUR                                    |  |  |  |  |  |  |
|  | BUSINESS EXPERIENCE.   |  |  |  |  |  |  |
| A.   | I received a B.S. Degree in Business Administration, with a major in Accounting      |  |  |  |  |  |  |
|  | from the University of South Carolina in December 1998. From February 1999 to        |  |  |  |  |  |  |
|  | February 2005, I was employed with the South Carolina State Auditor's Office. In     |  |  |  |  |  |  |
|  | that capacity, I performed audits and reviews of cost reports filed by institutional |  |  |  |  |  |  |
|  | providers of Medicaid services for the South Carolina Department of Health and       |  |  |  |  |  |  |
|  | Human Services. The primary purpose of those audits and reviews was to establish     |  |  |  |  |  |  |
|  | the applicable reimbursement rates to be paid to Medicaid providers for services     |  |  |  |  |  |  |
|  | rendered to qualified Medicaid recipients. In February 2005, I began my              |  |  |  |  |  |  |
|  | employment with ORS.   |  |  |  |  |  |  |
|  | A. <b>Q.</b>   |  |  |  |  |  |  |

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in the settlement agreement by ORS and Tega Cay Water Service, Inc. ("TCWS") in

# Q. WHAT IS THE PURPOSE OF YOUR SETTLEMENT TESTIMONY INVOLVING TEGA CAY WATER SERVICE, INC? A. The purpose of my settlement testimony is to set forth the adjustments agreed upon

- 5 this docket.
- 6 Q. PLEASE IDENTIFY THE EXHIBITS ATTACHED TO YOUR
  7 SETTLEMENT TESTIMONY.
- A. I have attached ORS's Settlement Audit Exhibits DFS-1 through DFS-11. The

  Settlement Audit Exhibits were either prepared by me or were prepared under my

  direction and supervision in compliance with recognized accounting and regulatory

  procedures for water and wastewater utility rate cases.
- 12 Q. PLEASE EXPLAIN THE CONTENTS OF THE REVISED AUDIT
  13 EXHIBITS.
- 14 A. The Settlement Audit Exhibits reflect a return on equity (ROE) of 9.40% and a return
  15 on rate base of 7.64%. As part of the settlement, the Company agreed to accept
  16 ORS's adjustments, as reflected in the attached Settlement Audit Exhibits, including
  17 the removal of the plant acquisition adjustment (PAA) from TCWS rate base
  18 (Adjustment #6) and from the calculation of net income for return through
  19 amortization of the PAA (Adjustment #21). Additionally, as part of the settlement,
  20 the Company agreed to the exclusion of the 4% salary increase requested by TCWS.
- Q: WHAT IS THE DOLLAR AMOUNT OF THE INCREASE PROPOSED BY
  THE SETTLEMENT AGREEMENT?

- A: The Company requested an increase in annual net operating revenues of \$196,542 in its application. As a compromise, ORS and the Company agree to an increase in annual net operating revenues of \$59,619. This amount is approximately one-third of the requested increase.
- 5 Q. DOES THIS CONCLUDE YOUR SETTLEMENT TESTIMONY?
- 6 A. Yes, it does.

7

## Tega Cay Water Service, Inc. Operating Experience, Rate Base and Rates of Return For the Test Year Ended September 30, 2005 Combined Operations

|   | (1)                     | (2)<br>Additional                  | (3)                   | (4)<br>Accounting               |        | (5)                    | (6)                  | (7)                           |
|---|-------------------------|------------------------------------|-----------------------|---------------------------------|--------|------------------------|----------------------|-------------------------------|
| Description   | Per<br>Company<br>Books | Adjustments Docket No. 1996-137-WS | Adjusted<br>Per Books | and<br>Pro Forma<br>Adjustments | _      | As Adjusted<br>Present | Proposed<br>Increase | After<br>Proposed<br>Increase |
| Operating Revenues:                                       | Þ                       | <b>\$</b>                          | \$                    | \$                              |        | \$                     | \$                   | \$                            |
| Service Revenue - Water                                   | 346.686                 | 0                                  | 240.000               | 400 /                           |        | 040.040                | 4004 00              |                               |
| Service Revenue - Sewer                                   |                         | 0                                  | 346,686               |                                 | (H)    | 346,818                | 1,201 (X)            | 348,019                       |
| Miscellaneous Revenues                                    | 600,216                 | 0                                  | 600,216               |                                 | (H)    | 601,950                | 58,615 (X)           | 660,565                       |
| Uncollectible Accounts                                    | 14,148                  | 0                                  | 14,148                | 0                               |        | 14,148                 | 0                    | 14,148                        |
| Oncollectible Accounts                                    | (3,158)                 | 0                                  | (3,158)               | 0                               | -      | (3,158)                | (197) (Y)            | (3,355)                       |
| Total Operating Revenues                                  | 957,892                 | 0                                  | 957,892               | 1,866                           |        | 0<br>959,758           | 59,619               | 1,019,377                     |
| Onesette - Francisco                                      |                         |                                    |                       |                                 |        |                        |                      |                               |
| Operating Expenses:                                       | 000.050                 |                                    | 222 550               |                                 |        |                        |                      |                               |
| Maintenance Expenses                                      | 388,252                 | 0                                  | 388,252               |                                 | (I)    | 391,466                | 0                    | 391,466                       |
| General Expenses  | 186,382                 | 0                                  | 186,382               |                                 | (J)    | 242,546                | 0                    | 242,546                       |
| Depreciation Expense Taxes Other Than Income              | 245,264                 | 0                                  | 245,264               | (35,738) (                      |        | 209,526                | 0                    | 209,526                       |
| Income Taxes - State                                      | 206,869                 | (3,000) (A)                        | 203,869               | (81,629) (                      |        | 122,240                | 673 (Z)              | 122,913                       |
| Income Taxes - State                                      | 1,338<br>58,992         | 958 (B)                            | 2,296                 | 364 (                           |        | 2,660                  | 2,947 (AA)           | 5,607                         |
| Amortization of PAA                                       | 56,992<br>0             | (43,724) (C)<br>0                  | 15,268<br>0           |                                 | (N)    | 17,688<br>0            | 19,600 (AB)          | 37,288                        |
| Amortization of CIAC                                      | _                       | 0                                  | •                     | ,                               | (O)    | •                      | 0                    | 0                             |
| Amortization of CIAC                                      | (171,782)               |                                    | (171,782)             | 42,642                          | (P) .  | (129,140)              | 0                    | (129,140)                     |
| Total Operating Expenses                                  | 915,315                 | (45,766)                           | 869,549               | (12,563)                        |        | 856,986                | 23,221               | 880,207                       |
| Total Operating Income                                    | 42,577                  | 45,766                             | 88,343                | 14,429                          |        | 102,772                | 36,398               | 139,170                       |
| Interest During Construction                              | 80                      | 0                                  | 80                    | (80)                            | (O)    | 0                      | 0                    | 0                             |
| Customer Growth   | 0                       | 0                                  | 0                     | 1,207                           | ٠,     | 1,207                  | 429 (AC)             | 1,636                         |
| Customer Growth   |                         |                                    |                       | 1,201                           | (IX) . | 1,207                  | 429 (AC)             | 1,030                         |
| Net Income for Return                                     | 42,657                  | 45,766                             | 88,423                | 15,556                          | :      | 103,979                | 36,827               | 140,806                       |
|   |                         |                                    |                       |                                 |        |                        |                      |                               |
| Original Cost Rate Base:                                  | 40.040.000              | (050.041) (5)                      | 44 000 000            | 040.050                         | رم،    | 44 000 005             |                      | 44 000 005                    |
| Gross Plant in Service                                    | 12,042,383              | (352,044) (D)                      | 11,690,339            |                                 | (S)    | 11,932,695             | 0                    | 11,932,695                    |
| Accumulated Depreciation                                  | (2,911,225)             | 90,318 (E)                         | (2,820,907)           | 54,657                          | (T)    | (2,766,250)            | 0                    | (2,766,250)                   |
| Net Plant in Service                                      | 9,131,158               | (264 726)                          | 8,869,432             | 297,013                         |        | 9,166,445              | 0                    | 9,166,445                     |
|   | 71.830                  | (261,726)<br>0                     | 71,830                | •                               | (U)    | 79,252                 | 0                    | 79,252                        |
| Cash Working Capital Contributions in Aid of Construction | (6,815,144)             | 0                                  | (6,815,144)           | (42,642)                        | , ,    | (6,857,786)            | 0                    | (6,857,786)                   |
| Accumulated Deferred Income Taxes                         | (504,319)               | 0                                  | (504,319)             | (42,042)                        | ( )    | (504,319)              | 0                    | (504,319)                     |
| Customer Deposits   | (58,630)                | 0                                  | (58,630)              | 0                               |        | (58,630)               | 0                    | (58,630)                      |
| Plant Acquisition Adjustment                              | 284,833                 | (284,833) (F)                      | (55,555)              | ő                               |        | 00,000                 | ŏ                    | (00,000)                      |
| Water Service Corporation - Rate Base                     | 17,871                  | (204,033) (1)                      | 17,871                | 0                               |        | 17,871                 | Ö                    | 17,871                        |
| Water Service Corporation - Nate base                     | 17,071                  |                                    | 17,071                |                                 |        | 17,071                 |                      |                               |
| Total Rate Base   | 2,127,599               | (546,559)                          | 1,581,040             | 261,793                         |        | 1,842,833              | 0                    | 1,842,833                     |
| Return on Rate Base                                       | 2.00%                   |                                    | 5.59%                 | 1                               |        | 5.64%                  |                      | 7.64%                         |
| Interest Expense  | 167,102                 | (107,114) (G)                      | 59,988                | 9,933                           | (W)    | 69,921                 |                      | 69,921                        |

# Tega Cay Water Service, Inc. Operating Experience, Rate Base and Rates of Return For the Test Year Ended September 30, 2005 Water Operations

|  | (1)<br>Per      | (2)<br>Additional                  | (3)                   | (4)<br>Accounting            |       | (5)                 | (6)                        |       | (7)                           |
|--|-----------------|------------------------------------|-----------------------|------------------------------|-------|---------------------|----------------------------|-------|-------------------------------|
| <u>Description</u>   | Company Books   | Adjustments Docket No. 1996-137-WS | Adjusted<br>Per Books | and Pro Forma Adjustments \$ |       | As Adjusted Present | Proposed<br>Increase<br>\$ | _     | After<br>Proposed<br>Increase |
| Operating Revenues:  | •               | •                                  | •                     | Ψ                            |       | Ψ                   | Ψ                          |       | Ψ                             |
| Service Revenue - Water  | 346,686         | 0                                  | 346,686               | 132                          | (H)   | 346,818             | 1,201                      | (X)   | 348,019                       |
| Miscellaneous Revenues   | 6,343           | 0                                  | 6,343                 | 0                            |       | 6,343               | 0                          |       | 6,343                         |
| Uncollectible Accounts   | (1,146)         | 0                                  | (1,146)               | 0                            |       | (1,146)             | (4)                        | (Y) _ | (1,150)                       |
| Total Operating Revenues   | 351,883         | 0                                  | 351,883               | 132                          |       | 352,015             | 1,197                      | -     | 353,212                       |
| Operating Expenses:  |                 |                                    |                       |                              |       |                     |                            |       |                               |
| Maintenance Expenses   | 111,285         | 0                                  | 111,285               | 1,658                        | (1)   | 112,943             | 0                          |       | 112,943                       |
| General Expenses   | 96,192          | 0                                  | 96,192                | 28,535                       | (J)   | 124,727             | 0                          |       | 124,727                       |
| Depreciation Expense   | 64,638          | 0                                  | 64,638                | 2,374                        | (K)   | 67,012              | 0                          |       | 67,012                        |
| Taxes Other Than Income  | 105,160         | (3,000) (A)                        | 102,160               | (42,129)                     | (L)   | 60,031              | 14                         | (Z)   | 60,045                        |
| Income Taxes - State   | 486             | 409 (B)                            | 895                   | (80)                         | (M)   | 815                 | 59                         | (AA)  | 874                           |
| Income Taxes - Federal   | 21,408          | (15,454) (C)                       | 5,954                 | (537)                        | (N)   | 5,417               | 394                        | (AB)  | 5,811                         |
| Amortization of PAA  | 0               | 0                                  | 0                     | 0                            | (0)   | 0                   | 0                          |       | 0                             |
| Amortization of CIAC   | (42,344)        | 0                                  | (42,344)              | 10,485                       | (P)   | (31,859)            | 0                          |       | (31,859)                      |
| Total Operating Expenses   | 356,825         | (18,045)                           | 338,780               | 306                          |       | 339,086             | 466                        |       | 339,552                       |
| Total Operating Income   | (4,942)         | 18,045                             | 13,103                | (174)                        |       | 0<br>12,929         | 731                        |       | 13,660                        |
|  | , ,             |                                    |                       | , -                          |       | 0                   |                            |       |                               |
| Interest During Construction                                       | 20              | 0                                  | 20                    | (20)                         | (Q)   | 0                   | 0                          |       | 0                             |
| Customer Growth  | 0               | 0                                  | 0                     | 147                          | (R)   | 147                 | 8                          | (AC)  | 155                           |
| Net Income for Return  | (4,922)         | 18,045                             | 13,123                | (47)                         |       | 0<br>13,076         | 739                        |       | 13,815                        |
|  |                 |                                    |                       |                              |       |                     |                            |       |                               |
| Original Cost Rate Base:   |                 | (0-0-0-1-1) (5)                    |                       |                              | (0)   | 0.070.005           |                            |       | 0.070.005                     |
| Gross Plant in Service   | 3,003,103       | (352,044) (D)                      |                       | 22,926                       | (S)   | 2,673,985           | 0                          |       | 2,673,985                     |
| Accumulated Depreciation   | (731,857)       | 90,318 (E)                         | (641,539)             | 5,470                        | - (1) | (636,069)           | 0                          | •     | (636,069)                     |
| Net Direct in Coming   | 0.074.040       | (264.726)                          | 2 000 520             | 28,396                       |       | 0<br>2,037,916      | 0                          |       | 2,037,916                     |
| Net Plant in Service   | 2,271,246       | (261,726)                          | 2,009,520             |                              | /LIN  |                     | 0                          |       | 29,709                        |
| Cash Working Capital   | 25,935          | 0                                  | 25,935<br>(1.686,534) | 3,774<br>(10,485)            |       | (1,697,019)         | 0                          |       | (1,697,019)                   |
| Contributions in Aid of Construction                               | (1,686,534)     | 0                                  | ,                     | (10,463)                     | (٧)   | (273,990)           | 0                          |       | (273,990)                     |
| Accumulated Deferred Income Taxes                                  | (273,990)       | 0                                  | (273,990)             | 0                            |       | (30,259)            | 0                          |       | (30,259)                      |
| Customer Deposits  | (30,259)        | (39,157) (F)                       | (30,259)              | 0                            |       | (30,239)            | 0                          |       | (30,233)                      |
| Plant Acquisition Adjustment Water Service Corporation - Rate Base | 39,157<br>9,223 | (39,157) (F)                       | 9,223                 | 0                            |       | 9,223               | 0                          |       | 9,223                         |
| Water Service Corporation - Nate base                              | 9,223           |                                    | 5,225                 |                              | -     | 0                   |                            | -     | 0,220                         |
| <u>Total Rate Base</u>   | 354,778         | (300,883)                          | 53,895                | 21,685                       | =     | 75,580              | 0                          | =     | 75,580                        |
| Return on Rate Base  | -1.39%          |                                    | 24.35%                | ı                            |       | 17.30%              |                            |       | 18.28%                        |
| Interest Expense   | 41,993          | (39,948) (G                        | 2,045                 | 823                          | (W    | 2,868               |                            |       | 2,868                         |

## Tega Cay Water Service, Inc. Operating Experience, Rate Base and Rates of Return For the Test Year Ended September 30, 2005 Sewer Operations

|                                       | (1)<br>Per       | (2)<br>Additional<br>Adjustments | (3)                   | (4)<br>Accounting<br>and | (5)                    | (6)                                     | (7)<br>After         |
|---------------------------------------|------------------|----------------------------------|-----------------------|--------------------------|------------------------|---|----------------------|
| Description                           | Company<br>Books | Docket No.<br>1996-137-WS        | Adjusted<br>Per Books | Pro Forma<br>Adjustments | As Adjusted<br>Present | Proposed<br>Increase                    | Proposed<br>Increase |
| <u> </u>                              | \$               | \$                               | \$                    | \$                       | \$                     | \$                                      | \$                   |
| Operating Revenues:                   |                  | ·                                | •                     | •                        | •                      | •                                       | •                    |
| Service Revenue - Sewer               | 600,216          | 0                                | 600,216               | 1,734 (H)                | 601,950                | 58,615 (X)                              | 660,565              |
| Miscellaneous Revenues                | 7,805            | 0                                | 7,805                 | 0                        | 7,805                  | 0                                       | 7,805                |
| Uncollectible Accounts                | (2,012)          | 0                                | (2,012)               | 0                        | (2,012)                | (193) (Y)                               | (2,205)              |
| Total Operating Revenues              | 606,009          | 0                                | 606,009               | 1,734                    | 607,743                | 58,422                                  | 666,165              |
| Operating Expenses:                   |                  |                                  |                       |                          | 0                      |   |                      |
| Maintenance Expenses                  | 276,967          | 0                                | 276.967               | 1,556 (I)                | •                      | 0                                       | 278.523              |
| General Expenses                      | 90,190           | ō                                | 90,190                | 27,629 (J)               | •                      | Ŏ                                       | 117,819              |
| Depreciation Expense                  | 180,626          | Ō                                | 180.626               | (38,112) (K              |                        | 0                                       | 142,514              |
| Taxes Other Than Income               | 101,709          | 0 (A)                            | 101,709               | (39,500) (L              | 62,209                 | 660 (Z)                                 | 62,869               |
| Income Taxes - State                  | 852              | 549 (B)                          | 1,401                 | 444 (M                   | ) 1,845                | 2,888 (AA)                              | 4,733                |
| Income Taxes - Federal                | 37,584           | (28,270) (C)                     | 9,314                 | 2,957 (N                 |                        | 19,206 (AB)                             | 31,477               |
| Amortization of PAA                   | 0                | 0                                | 0                     | 0 (O                     |                        | 0                                       | 0                    |
| Amortization of CIAC                  | (129,438)        | 0                                | (129,438)             | 32,157 (P                | (97,281)               | 0                                       | (97,281)             |
| Total Operating Expenses              | 558,490          | (27,721)                         | 530,769               | (12,869)                 | 517,900                | 22,754                                  | 540,654              |
| Total Operating Income                | 47,519           | 27,721                           | 75,240                | 14,603                   | 89,843                 | 35,668                                  | 125,511              |
| Interest During Construction          | 60               | 0                                | 60                    | (60) (Q                  | ) 0                    | 0                                       | 0                    |
| Customer Growth                       | 0                | Ö                                | 0                     | 1,060 (R                 |                        | 421 (AC)                                | 1,481                |
|                                       |                  |                                  |                       | 45.000                   |                        | 22.222                                  | 400.000              |
| Net Income for Return                 | 47,579           | 27,721                           | 75,300                | 15,603                   | 90,903                 | 36,089                                  | 126,992              |
| Original Cost Rate Base:              |                  |                                  |                       |                          |                        |   |                      |
| Gross Plant in Service                | 9,039,280        | 0 (D)                            | 9,039,280             | 219,430 (S               | 9,258,710              | 0                                       | 9,258,710            |
| Accumulated Depreciation              | (2,179,368)      | 0 (E)                            |                       | 49,187 (T                |                        | Ö                                       | (2,130,181)          |
| , toodinated Depresation              | (-11101000)      |                                  |                       |                          | 0                      | *************************************** |                      |
| Net Plant in Service                  | 6,859,912        | 0                                | 6,859,912             | 268,617                  | 7,128,529              | 0                                       | 7,128,529            |
| Cash Working Capital                  | 45,895           | 0                                | 45,895                | 3,648 (U                 | 1) 49,543              | 0                                       | 49,543               |
| Contributions in Aid of Construction  | (5,128,610)      | 0                                | (5,128,610)           | (32,157) (\              | (5,160,767)            | 0                                       | (5,160,767)          |
| Accumulated Deferred Income Taxes     | (230,329)        | 0                                | (230,329)             | 0                        | (230,329)              | 0                                       | (230,329)            |
| Customer Deposits                     | (28,371)         | 0                                | (28,371)              | 0                        | (28,371)               | 0                                       | (28,371)             |
| Plant Acquisition Adjustment          | 245,676          | (245,676) (F)                    |                       | 0                        | 0                      | 0                                       | 0                    |
| Water Service Corporation - Rate Base | 8,648            | 0                                | 8,648                 | 0                        | 8,648                  | 0                                       | 8,648                |
| Total Rate Base                       | 1,772,821        | (245,676)                        | 1,527,145             | 240,108                  | 1,767,253              | 0                                       | 1,767,253            |
| Return on Rate Base                   | 2.68%            |                                  | 4.93%                 |                          | 5.14%                  |   | 7.19%                |
| Interest Expense                      | 125,109          | (67,166) (G                      | 57,943                | 9,110 (V                 | V) 67,053              |   | 67,053               |

| <u>Description</u>   | Combined  | Water     | Sewer    |  |
|--|-----------|-----------|----------|--|
|  | \$        | \$        | \$       |  |
| Adjustments From Docket No. 1996-137-WS  |           |           |          |  |
| (A) Taxes Other Than Income  |           |           |          |  |
| 1 ORS proposes to remove property taxes associated with<br>wells no longer used and useful.                                      |           |           |          |  |
| Per ORS  | (3,000)   | (3,000)   | 0        |  |
| Per TCWS   | 0         | 0         | <u>0</u> |  |
| (B) Income Taxes - State   |           |           |          |  |
| 2 ORS proposes to adjust for state income taxes due to the<br>adjustments from Docket No. 1996-137-WS.                           |           |           |          |  |
| Per ORS  | 958       | 409       | 549      |  |
| Per TCWS   | 0         | 0         | 0        |  |
| (C) Income Taxes - Federal   |           |           |          |  |
| 3 ORS propose to adjust for federal income taxes due to the<br>adjustments from Docket No. 1996-137-WS.                          |           |           |          |  |
| Per ORS  | (43,724)  | (15,454)  | (28,270) |  |
| Per TCWS   | 0         | 0         | 0        |  |
| (D) Gross Plant In Service   |           |           |          |  |
| 4 ORS and TCWS propose to adjust plant in service by<br>(\$352,044) for the removal of wells deemed not used and<br>useful.      |           |           |          |  |
| Per ORS  | (352,044) | (352,044) | 0        |  |
| Per TCWS   | (352,044) | (352,044) | 0        |  |
| (E) Accumulated Depreciation   |           |           |          |  |
| 5 ORS and TCWS propose to adjust accumulated depreciation<br>by \$90,318 for the removal of wells deemed not used and<br>useful. |           |           |          |  |
| Per ORS  | 90,318    | 90,318    | 0        |  |
| Per TCWS   | 90,318    | 90,318    | 0        |  |

| <u>Description</u>  | Combined  | Water    | Sewer     |
|---|-----------|----------|-----------|
|   | \$        | \$       | \$        |
| (F) Plant Acquisition Adjustment  |           |          |           |
| 6 ORS proposes to remove the plant acquisition adjustment<br>since it was removed by staff and TCWS and approved by<br>the PSC in the previous rate case proceeding.  |           |          |           |
| Per ORS   | (284,833) | (39,157) | (245,676) |
| Per TCWS  | 0         | 0        | 0         |
| (G) Interest on Debt  |           |          |           |
| 7 ORS proposes to adjust interest on debt using a 59.10% /<br>40.90% debt / equity ratio and a 6.42% cost of debt. ORS<br>proposes to compute allowable interest expense as adjusted<br>per books.  |           |          |           |
| Per ORS   | (107,114) | (39,948) | (67,166)  |
| Per TCWS  | 0         | 0        | 0         |
| ORS and TCWS propose to adjust test year operating revenues to agree with test year consumption data.   |           |          |           |
| Per ORS   | 1,866     | 132      | 1,734     |
| Per TCWS  | 1,765     | 24       | 1,741     |
| (I) Maintenance Expenses  |           |          |           |
| 9 ORS and TCWS propose to adjust operators' salaries. ORS proposes to annualize operators' salary expenses using wage rates as of May 2006 and wage allocation factors as of September 2005. ORS did not include a 4% cost of living increase since this amount was not known and measurable at the end of the audit. TCWS included a 4% cost of living increase. |           |          |           |
| Per ORS   | 3,876     | 2,000    | 1,876     |
| Per TCWS  | 11,183    | 5,770    | 5,413     |

| Description  | Combined | Water  | Sewer  |
|--|----------|--------|--------|
|  | \$       | \$     | \$     |
| 10 TCWS proposes to amortize deferred operations and<br>maintenance charges over 5 years. ORS does not propose<br>to amortize deferred operations and maintenance charges<br>since projects were not started and expenses were not<br>incurred during the test year.   |          |        |        |
| Per ORS  | 0        | 0      | 0      |
| Per TCWS   | 24,960   | 24,960 | 0      |
| 11 ORS and TCWS propose to adjust operating expense charged to plant to reflect the proposed increase in the wage adjustment. ORS computed a factor of 12.53% using actual test year data. TCWS used a capitalization factor of 11.58% which was based on annualized wages.  |          |        |        |
| Per ORS  | (662)    | (342)  | (320)  |
| Per TCWS   | 310      | 160    | 150    |
| Total Maintenance Expenses   | 3,214    | 1,658  | 1,556  |
| (J) General Expenses   |          |        |        |
| 12 ORS and TCWS propose to adjust office salary expenses. ORS annualized salaries using wage rates as of May 2006 and wage allocations as of September 2005. ORS did not include a 4% cost of living increase since this amount was not known and measurable at the end of the audit. TCWS included a 4% cost of living increase.  |          |        |        |
| Per ORS  | 8,561    | 4,418  | 4,143  |
| Per TCWS   | 11,447   | 5,907  | 5,540  |
| 13 ORS and TCWS propose to include current rate case expenses amortized over a three-year period. ORS proposes to include TCWS's portion of the Utilities Inc. Management Audit costs amortized over a three-year period. ORS adjusted rate case expenses for actual documented expenses and also included \$3,808 in water and \$4,442 in sewer for the additional letters of credit. |          |        |        |
| Per ORS  | 46,196   | 23,391 | 22,805 |
| Per TCWS   | 57,387   | 29,617 | 27,770 |

| Description  | Combined | Water    | Sewer    |
|--|----------|----------|----------|
|  | \$       | \$       | \$       |
| 14 ORS and TCWS propose to adjust for pension and other<br>benefits associated with the wage increase.   |          |          |          |
| Per ORS  | 1,810    | 934      | 876      |
| Per TCWS   | (1,946)  | (1,005)  | (941)    |
| 15 ORS proposes to remove one half of Chamber of Commerce<br>dues (\$260) and a 7 day personal newspaper subscription<br>(\$143) to the Charlotte Observer, for total nonallowable<br>expenses for ratemaking purposes of (\$403).   |          |          |          |
| Per ORS  | (403)    | (208)    | (195)    |
| Per TCWS   | 0        | 0        | 0        |
| Total General Expenses   | 56,164   | 28,535   | 27,629   |
| (K) Depreciation Expense   |          |          |          |
| 16 TCWS proposes to annualize depreciation expense using estimated plant additions and a 1.5% depreciation rate. ORS proposes to annualize depreciation expense for known and measurable plant in service using a 1.5% depreciation rate. Both TCWS and ORS include extraordinary retirement of the wells as part of the adjustment to depreciation expense. See Settlement Audit Exhibit DFS-5 for details. |          |          |          |
| Per ORS  | (35,738) | 2,374    | (38,112) |
| Per TCWS   | (26,984) | 8,945    | (35,929) |
| (L) Taxes Other Than Income  |          |          |          |
| 17 ORS and TCWS propose to adjust for payroll taxes<br>associated with the wage adjustment.  |          |          |          |
| Per ORS  | (100)    | (52)     | (48)     |
| Per TCWS   | 565      | 291      | 274      |
| 18 ORS and TCWS propose to remove a tax accrual for property taxes to reflect actual test year expense.  |          |          |          |
| Per ORS  | (81,529) | (42,077) | (39,452) |
| Per TCWS   | (81,529) | (42,077) | (39,452) |
| Total Taxes Other Than Income  | (81,629) | (42,129) | (39,500) |

| Description  | Combined | Water    | Sewer    |  |
|--|----------|----------|----------|--|
|  | \$       | \$       | \$       |  |
| (M) Income Taxes - State - As Adjusted   |          |          |          |  |
| 19 ORS and TCWS propose to adjust state income taxes after<br>accounting and pro forma adjustments. See Settlement<br>Audit Exhibit DFS - 6.   |          |          |          |  |
| Per ORS  | 364      | (80)     | 444      |  |
| Per TCWS   | (2,585)  | (2,266)  | (319)    |  |
| (N) Income Taxes - Federal - As Adjusted   |          |          |          |  |
| 20 ORS and TCWS propose to adjust federal income taxes after<br>accounting and pro forma adjustments. See Settlement<br>Audit Exhibit DFS - 6.   |          |          |          |  |
| Per ORS  | 2,420    | (537)    | 2,957    |  |
| Per TCWS   | (67,282) | (33,247) | (34,035) |  |
| (O) Amortization of Plant Acquisition Adjustment   |          |          |          |  |
| 21 TCWS proposes to include amortization expense of \$5,210 associated with a request for a plant acquisition adjustment. ORS does not propose an amortization adjustment since ORS proposes to remove the plant acquisition adjustment. |          |          |          |  |
| Per ORS  | 0        | 0        | 0        |  |
| Per TCWS   | 5,210    | 716      | 4,494    |  |
| (P) Amortization of Contributions in Aid of Construction (CIAC)  |          |          |          |  |
| 22 ORS and TCWS propose to annualize amortization of CIAC as of September 30, 2005. The purpose of this adjustment is to properly calculate amortization expense associated with CIAC. ORS and TCWS amortized CIAC using a 1.5% rate.    |          |          |          |  |
| Per ORS  | 42,642   | 10,485   | 32,157   |  |
| Per TCWS   | 45,369   | 11,394   | 33,975   |  |

| <u>Description</u>  | Combined | Water  | Sewer   |  |
|---|----------|--------|---------|--|
|   | \$       | \$     | \$      |  |
| (Q) Interest During Construction (IDC)  |          |        |         |  |
| 23 TCWS and ORS propose to eliminate IDC for rate making<br>purposes. TCWS and ORS did not include construction work<br>in progress in rate base and therefore IDC is eliminated as<br>an addition to net income.   |          |        |         |  |
| Per ORS   | (80)     | (20)   | (60)    |  |
| Per TCWS  | (80)     | (20)   | (60)    |  |
| (R) Customer Growth   |          |        |         |  |
| 24 ORS proposes to adjust for customer growth after accounting<br>and pro forma adjustments. ORS used customer units as of<br>June 2006, since plant additions have been included to that<br>time period. See Settlement Audit Exhibit DFS -7.  |          |        |         |  |
| Per ORS   | 1,207    | 147    | 1,060   |  |
| Per TCWS  | 0        | 0      | 0       |  |
| (S) Gross Plant In Service  |          |        |         |  |
| 25 ORS and TCWS propose to adjust for pro forma plant additions and retirements. TCWS adjustment is based on estimated general ledger additions, capitalized time additions and pro forma plant additions and retirements. ORS adjustment is based on known and measurable plant in service including general ledger additions, capitalized time additions and pro forma additions and retirements as of June 2006. |          |        |         |  |
| Per ORS   | 241,694  | 22,584 | 219,110 |  |
| Per TCWS  | 313,409  | 91,084 | 222,325 |  |
| 26 ORS proposes to capitalize wages, taxes, and benefits as a<br>result of the payroll adjustment. ORS capitalized 12.53% of<br>the wage adjustment.  |          |        |         |  |
| Per ORS   | 662      | 342    | 320     |  |
| Per TCWS  | 0        | 0      | 0       |  |
| Total Gross Plant In Service  | 242,356  | 22,926 | 219,430 |  |

| <u>Description</u>  | Combined | Water    | Sewer    |
|---|----------|----------|----------|
|   | \$       | \$       | \$       |
| (T) Accumulated Depreciation  |          |          |          |
| 27 TCWS proposes to adjust accumulated depreciation using<br>estimated plant additions and retirements. ORS proposes to<br>reduce accumulated depreciation for the annualized<br>depreciation expense adjustment of \$35,738 and actual<br>retirements from October 2005 - June 2006 of \$18,919. |          |          |          |
| Per ORS   | 54,657   | 5,470    | 49,187   |
| Per TCWS  | 12,380   | 15,992   | (3,612)  |
| (U) Cash Working Capital  |          |          |          |
| 28 TCWS and ORS propose to adjust cash working capital after<br>accounting and pro forma adjustments. See Settlement<br>Audit Exhibit DFS-8.  |          |          |          |
| Per ORS   | 7,422    | 3,774    | 3,648    |
| Per TCWS  | 12,917   | 8,176    | 4,741    |
| (V) Contributions in Aid of Construction  |          |          |          |
| 29 ORS proposes to adjust contributions in aid of construction to<br>reflect the difference in amortization using a 1.5%<br>amortization rate versus a 2% amortization rate.  |          |          |          |
| Per ORS   | (42,642) | (10,485) | (32,157) |
| Per TCWS  | 0        | 0        | 0        |
| (W) Interest Expense  |          |          |          |
| 30 ORS and TCWS propose to adjust interest on debt using a 59.10% / 40.90% debt / equity ratio and a 6.42% cost of debt. ORS proposes to compute allowable interest expense as adjusted present and after the proposed increase rate base. See Settlement Audit Exhibit DFS -9.                   |          |          |          |
| Per ORS   | 9,933    | 823      | 9,110    |
| Per TCWS  | (83,468) | (34,091) | (49,377) |

| <u>Description</u>  | Combined | Water  | Sewer   |
|---|----------|--------|---------|
|   | \$       | \$     | \$      |
| (X) Operating Revenues - Proposed Increase  |          |        |         |
| 31 ORS and TCWS propose an increase in operating revenues.  |          |        |         |
| Per ORS   | 59,816   | 1,201  | 58,615  |
| Per TCWS  | 197,199  | 52,368 | 144,831 |
| (Y) Uncollectible Accounts - Proposed Increase  |          |        |         |
| 32 ORS and TCWS propose to adjust uncollectible accounts<br>expense for the proposed revenue using an uncollectible rate<br>of .33% for water and sewer.  |          |        |         |
| Per ORS   | (197)    | (4)    | (193)   |
| Per TCWS  | (657)    | (173)  | (484)   |
| (Z) Taxes Other Than Income - Proposed Increased  33 ORS and TCWS propose to adjust utility/commission tax (.0082524) and gross receipts taxes (.003) for the proposed revenue using a combined factor of .0112524. |          |        |         |
| Per ORS   | 673      | 14     | 660     |
| Per TCWS  | 2,215    | 588    | 1,627   |
| (AA) Income Taxes - State - Proposed Increase  34 TCWS records income taxes using current tax rates on calculated taxable income. ORS proposes to compute income taxes after the proposed increase.                 |          |        |         |
| Per ORS   | 2,947    | 59     | 2,888   |
| Per TCWS  | 9,716    | 2,580  | 7,136   |
| (AB) Income Taxes - Federal - Proposed Increase   |          |        |         |
| 35 TCWS records income taxes using current tax rates on<br>calculated taxable income. ORS proposes to compute<br>income taxes after the proposed increase.  |          |        |         |
| Per ORS   | 19,600   | 394    | 19,206  |
| Per TCWS  | 64,614   | 17,159 | 47,455  |

| <u>Description</u>  | Combined | Water | Sewer |
|---|----------|-------|-------|
|   | \$       | \$    | \$    |
| (AC) Customer Growth  |          |       |       |
| 36 ORS proposes to adjust customer growth for the effect of the<br>proposed increase. ORS used customer units as of June<br>2006, since plant additions have been extended to that time<br>period. See Settlement Audit Exhibit DFS -7. |          |       |       |
| Per ORS   | 429      | 8     | 421   |
| Per TCWS  | 0        | 0     | 0     |

### Tega Cay Water Service, Inc. Depreciation Expense Adjustment Test Year Ended September 30, 2005

|  | Combined<br>\$ | <u>Water</u>    | <u>Sewer</u>    |
|--|----------------|-----------------|-----------------|
| Gross Plant @ September 30, 2005   | 12,042,383     | \$<br>3,003,103 | \$<br>9,039,280 |
| ADD: Pro Forma Plant, Retirements, Capitalized Time and General Ledger Additions as of June 2006 LESS: | 242,356        | 22,926          | 219,430         |
| Organization   | (244,495)      | (125,040)       | (119,455)       |
| Land   | (8,989)        | (1,869)         | (7,120)         |
| Vehicles   | (97,606)       | (50,374)        | (47,232)        |
| Wells  | (352,044)      | (352,044)       | 0               |
| Net Plant  | 11,581,605     | 2,496,702       | 9,084,903       |
| Plant Depreciation @ 1.5%<br>(66.7 years)  | 173,725        | 37,451          | 136,274         |
| Vehicles as of June 2006   | 97,606         | 50,374          | 47,232          |
| Less: Fully Depreciated Vehicles   | (61,529)       | (31,755)        | (29,774)        |
|  | 36,077         | 18,619          | 17,458          |
| Vehicle Depreciation @ 25%<br>(4 years)  | 9,019          | 4,655           | 4,364           |
| (4 years)  |                |                 |                 |
| WSC Depreciation Allocation  | 2,792          | 1,441           | 1,351           |
| Regional Office Depreciation Allocation  | 1,084          | 559             | 525             |
| Extraordinary Retirement (Wells)   | 22,906         | 22,906          | 0               |
| Total Depreciation   | 209,526        | 67,012          | 142,514         |
| Less: Per Books Depreciation   | 245,264        | 64,638          | 180,626         |
| ORS Adjustment   | (35,738)       | 2,374           | (38,112)        |
| Company's Adjustment   | (26,984)       | 8,945           | (35,929)        |
| Contributions in Aid of Construction<br>CIAC @ September 30, 2005                                      | (8,609,368)    | (2,123,950)     | (6,485,418)     |
| Amortization %   | 1.50%          | 1.50%           | 1.50%           |
| Amortization Amount  | (129,141)      | (31,859)        | (97,281)        |
| Per Book Amount  | (171,782)      | (42,344)        | (129,438)       |
| ORS Adjustment   | 42,642         | 10,485          | 32,157          |
| Company's Adjustment   | 45,369         | 11,394          | 33,975          |

### Tega Cay Water Service, Inc. Computation of Income Taxes For the Test Year Ended September 30, 2005

|  | As         | Adjusted - Per Books |            |
|--|------------|----------------------|------------|
|  | Combined   | Water                | Sewer      |
|  | Operations | Operations           | Operations |
| Operating Revenue As Adjusted                            | 957,892    | 351,883              | 606,009    |
| Operating Expenses As Adjusted                           | 851,985    | 331,931              | 520,054    |
| Net Operating Income Before Taxes                        | 105,907    | 19,952               | 85,955     |
| Less: Annualized Interest Expense                        | 59,988     | 2,045                | 57,943     |
| Taxable Income - State                                   | 45,919     | 17,907               | 28,012     |
| State Income Tax %                                       | 5.0%       | 5.0%                 | 5.0%       |
| State Income Taxes Less: State Income Taxes Per Book     | 2,296      | 895                  | 1,401      |
|  | 1,338      | 486                  | 852        |
| Adjustment to State Income Taxes                         | 958        | 409                  | 549        |
| Taxable Income - Federal Federal Income Taxes %          | 43,623     | 17,012               | 26,611     |
|  | 35.0%      | 35.0%                | 35.0%      |
| Federal Income Taxes Less: Federal Income Taxes Per Book | 15,268     | 5,954                | 9,314      |
|  | 58,992     | 21,408               | 37,584     |
| Adjustment to Federal Income Taxes                       | (43,724)   | (15,454)             | (28,270)   |

|  |                     | s Adjusted - Present |                     |
|--|---------------------|----------------------|---------------------|
|  | Combined Operations | Water<br>Operations  | Sewer<br>Operations |
| Operating Revenue As Adjusted Operating Expenses As Adjusted | 959,758             | 352,015              | 607,743             |
|  | 836,638             | 332,854              | 503,784             |
| Net Operating Income Before Taxes                            | 123,120             | 19,161               | 103,959             |
| Less: Annualized Interest Expense                            | 69,921              | 2,868                | 67,053              |
| Taxable Income - State                                       | 53,199              | 16,293               | 36,906              |
| State Income Tax %   | 5.0%                | 5.0%                 | 5.0%                |
| State Income Taxes   | 2,660               | 815                  | 1,845               |
| Less: State Income Taxes As Adjusted Per Book                | 2,296               | 895                  | 1,401               |
| Adjustment to State Income Taxes                             | 364                 | (80)                 | 444                 |
| Taxable Income - Federal                                     | 50,539              | 15,478               | 35,061              |
| Federal Income Taxes %                                       | 35.0%               | 35.0%                | 35.0%               |
| Federal Income Taxes   | 17,688              | 5,417                | 12,271              |
| Less: Federal Income Taxes As Adjusted Per Book              | 15,268              | 5,954                | 9,314               |
| Adjustment to Federal Income Taxes                           | 2,420               | (537)                | 2,957               |

Tega Cay Water Service, Inc. Computation of Income Taxes For the Test Year Ended September 30, 2005

### Tega Cay Water Service, Inc. Computation of Income Taxes For the Test Year Ended September 30, 2005

|   | Af                   | ter Proposed Increase |                     |
|---|----------------------|-----------------------|---------------------|
|   | Combined Operations  | Water<br>Operations   | Sewer<br>Operations |
| Operating Revenue After Proposed Increase<br>Operating Expenses After Proposed Increase | 1,019,377<br>837,311 | 353,212<br>332,868    | 666,165             |
| Net Operating Income Before Taxes Less: Annualized Interest Expense                     | 182,066<br>69,921    | 20,344                | 161,721             |
| Taxable Income - State State Income Tax %   | 112,145<br>5.0%      | 2,868<br>17,476       | 94,668              |
| State Income Taxes Less: State Income Taxes As Adjusted - Present                       | 5,607<br>2,660       | 5.0%<br>874<br>815    | 4,733               |
| Adjustment to State Income Taxes  | 2,947                | 59                    | 2,888               |
| Taxable Income - Federal<br>Federal Income Taxes %                                      | 106,538<br>35.0%     | 16,603<br>35.0%       | 89,935<br>35.0%     |
| Federal Income Taxes<br>Less: Federal Income Taxes As Adjusted - Present                | 37,288<br>17,688     | 5,811<br>5,417        | 31,477<br>12,271    |
| Adjustment to Federal Income Taxes  | 19,600               | 394                   | 19,206              |

#### Tega Cay Water Service, Inc. Customer Growth Computation Test Year Ended September 30, 2005

| Combined Operations:   |                         | (1)<br>As                     | (2)<br>Effect of | (3)       |
|--|-------------------------|-------------------------------|------------------|-----------|
|  |                         | Adjusted                      | Proposed         | After     |
| Description  |                         | Present                       | Increase         | Increase  |
| Water Customer Growth  |                         | \$<br>147                     | \$<br>8          | \$<br>156 |
| Sewer Customer Growth  |                         | 1,060                         | 421              | 1,481     |
| Combined Customer Growth   |                         | 1,207                         | 429              | 1,637     |
| Number of Customer Units:  Beginning Ending Average  Water Operations: | 3,407<br>3,487<br>3,447 | <br>ng - Average =<br>Average | 40 3,447         | = 1.16%   |
| Total Operating Income   |                         | 12,929                        | 731              | 13,660    |
| Growth Factor  |                         | 1.14%                         | 1.14%            | 1.14%     |
| Customer Growth  |                         | 147                           | 8                | 156       |
| Number of Customer Units:  Beginning Ending Average  Sewer Operations: | 1,738<br>1,778<br>1,758 | <br>ng - Average=<br>Average  |                  | = 1.14%   |
| Total Operating Income   |                         | 89,843                        | 35,668           | 125,511   |
| Growth Factor  |                         | 1.18%                         | 1.18%            | 1.18%     |
| Customer Growth  |                         | 1,060                         | 421              | 1,481     |
| Number of Customer Units:  Beginning Ending Average                    | 1,669<br>1,709<br>1,689 | <br>ng - Average =<br>Average | 1,689            | = 1.18%   |

Note: Combined Customer Growth equals Water plus Sewer Customer Growth

Beginning Customer Units @ 10/2004 Ending Customer Units @ 6/2006

### Tega Cay Water Service, Inc. Cash Working Capital Allowance For the Test Year Ended September 30, 2005

| _  | Combined<br>Operations | Water<br>Operations | Sewer<br>Operations |
|--|------------------------|---------------------|---------------------|
| Maintenance Expenses - As Adjusted<br>General Expenses - As Adjusted | 391,466<br>242,546     | 112,943<br>124,727  | 278,523<br>117,819  |
| Total Expenses for Computation                                       | 634,012                | 237,670             | 396,342             |
| Allowable Rate   | 12.50%                 | 12.50%              | 12.50%              |
| Computed Cash Working Capital - As Adjusted                          | 79,252                 | 29,709              | 49,543              |
| Cash Working Capital - Per Books                                     | 71,830                 | 25,935              | 45,895              |
| Cash Working Capital Adjustment - ORS                                | 7,422                  | 3,774               | 3,648               |
| Cash Working Capital Adjustment - CWS                                | 12,917                 | 8,176               | 4,741               |

Tega Cay Water Service, Inc. Return on Common Equity Capital Structure at September 30, 2005

|                |              |         |           | Combined           | <u>ned</u>  |               |           |                          |             |         |
|----------------|--------------|---------|-----------|--------------------|-------------|---------------|-----------|--------------------------|-------------|---------|
|                |              |         |           | As AdjustedPresent | Present     | 1             | After Pr  | After Proposed Increase- |             |         |
|                |              |         |           |                    |             | Income        |           |                          |             | Income  |
|                | Capital      |         | Rate      | Embedded           | Overall     | For           | Rate      | Embedded                 | Overall     | For     |
| Description    | Structure    | Ratio   | Base      | Cost/Return        | Cost/Return | Return        | Base      | Cost/Return              | Cost/Return | Return  |
|                | ક્ક          | %       | 69        | %                  | %           | s             | 89        | %                        | %           | ₩       |
| Long-Term Debt | 136,789,585  | 59.10%  | 1,089,114 | 6.42%              | 3.79%       | 69,922        | 1,089,114 | 6.42%                    |             | 69,922  |
| Common Equity  | 94,651,855   | 40.90%  | 753,719   | 4.52%              | 1.86%       | 34,057        | 753,719   | 9.40%                    | 3.85%       | 70,884  |
| Totals         | 231,441,440  | 100.00% | 1,842,833 |                    | 2.65%       | 103,979       | 1,842,833 |                          | 7.64%       | 140,806 |
|                |              |         |           | •                  |             |               |           |                          |             |         |
|                |              |         |           | Water              | <b>-</b> 1  |               |           |                          |             |         |
|                |              |         |           | As AdjustedPresent | IPresent    | 1             | After Pr  | After Proposed Increase- | e           |         |
|                |              |         |           |                    |             | Income        |           |                          |             | Income  |
|                | Capital      |         | Rate      | Embedded           | Overall     | For           | Rate      | Embedded                 | Overall     | For     |
| Description    | Structure    | Ratio   | Base      | Cost/Return        | Cost/Return | Return        | Base      | Cost/Return              | Cost/Return | Return  |
|                | ક્ક          | %       | s         | %                  | %           | <del>ss</del> | s         | %                        | %           | 69      |
| Long-Term Debt | 136,789,585  | 59.10%  | 44,668    | 6.42%              | 3.79%       | 2,868         | 44,668    | 6.42%                    |             | 2.868   |
| Common Equity  | 94,651,855   | 40.90%  | 30,912    | 33.02%             | 13.51%      | 10,208        | 30,912    | 35.41%                   | 14.48%      | 10,947  |
| Totals         | 231,441,440  | 100.00% | 75,580    |                    | 17.30%      | 13,076        | 75,580    |                          | 18.27%      | 13,815  |
|                |              |         |           | •                  |             |               |           | •                        |             |         |
|                |              |         |           | Sewer              | _           |               |           |                          |             |         |
|                |              |         |           | As AdjustedPresent | -Present    | 1             | After Pro | After Proposed Increase- | 9           |         |
|                |              |         |           |                    |             | Income        |           |                          |             | Income  |
|                | Capital      |         | Rate      | Embedded           | Overall     | For           | Rate      | Embedded                 | Overall     | For     |
| Description    | Structure    | Ratio   | Base      | Cost/Return        | Cost/Return | Return        | Base      | Cost/Return              | Cost/Return | Return  |
|                | <del>⇔</del> | %       | ↔         | %                  | %           | €9            | ↔         | %                        | %           | €       |
| Long-Term Debt | 136,789,585  | 59.10%  | 1,044,447 | 6.42%              | 3.79%       | 67,053        | 1,044,447 | 6.42%                    |             | 67,053  |
| Common Equity  | 94,651,855   | 40.90%  | 722,806   | 3.30%              | 1.35%       | 23,850        | 722,806   | 8.29%                    | 3.39%       | 59,939  |
| Totals         | 231,441,440  | 100.00% | 1,767,253 |                    | 5.14%       | 90,903        | 1,767,253 |                          | 7.18%       | 126,992 |
|                |              |         |           |                    |             |               |           | 11                       |             |         |

Note: ORS used Capital Structure of Parent Company @ 9/30/2005.

## **Settlement Audit Exhibit DFS-10**

## Tega Cay Water Service, Inc. Income Statement Test Year Ended September 30, 2005

|                                     | Combined  | Water    | Sewer     |
|-------------------------------------|-----------|----------|-----------|
| <b>.</b>                            | \$        | \$       | \$        |
| Operating Revenues                  |           |          |           |
| Service Revenues - Water            | 346,686   | 346,686  | 0         |
| Service Revenues - Sewer            | 600,216   | 0        | 600,216   |
| Miscellaneous Revenues              | 14,148    | 6,343    | 7,805     |
| Uncollectible Accounts              | (3,158)   | (1,146)  | (2,012)   |
| Total Operating Revenues            | 957,892   | 351,883  | 606,009   |
| Maintenance Expenses                |           |          |           |
| Salaries and Wages                  | 113,404   | 58,528   | 54,876    |
| Purchased Power                     | 51,569    | 14,361   | 37,208    |
| Purchased Sewer & Water             | (1,196)   | (1,196)  | 0,200     |
| Maintenance and Repair              | 189,535   | 20,422   | 169,113   |
| Maintenance Testing                 | 10,589    | 1,719    | 8,870     |
| Meter Reading                       | 10,091    | 10,091   | 0,0.0     |
| Chemicals                           | 14,669    | 7,571    | 7,098     |
| Transportation                      | 11,750    | 6,064    | 5,686     |
| Operating Exp. Charged to Plant     | (17,958)  | (9,268)  | (8,690)   |
| Outside Services - Other            | 5,799     | 2,993    | 2,806     |
| <u>Total</u>                        | 388,252   | 111,285  | 276,967   |
| General Expenses                    |           |          |           |
| Salaries and Wages                  | E0 00F    | 07.004   |           |
| Office Supplies & Other Office Exp. | 52,865    | 27,284   | 25,581    |
| Regulatory Commission Exp.          | 20,422    | 10,540   | 9,882     |
| Pension & Other Benefits            | 0         | 0        | 0         |
| Rent                                | 31,858    | 16,442   | 15,416    |
| Insurance                           | 4,466     | 2,305    | 2,161     |
| Office Utilities                    | 61,148    | 31,558   | 29,590    |
| Miscellaneous                       | 9,165     | 4,730    | 4,435     |
|                                     | 6,458     | 3,333    | 3,125     |
| <u>Total</u>                        | 186,382   | 96,192   | 90,190    |
| Depreciation                        | 245,264   | 64,638   | 180,626   |
| Taxes Other Than Income             | 206,869   | 105,160  | 101,709   |
| Income Taxes - Federal              | 58,992    | 21,408   | 37,584    |
| Income Taxes - State                | 1,338     | 486      | 852       |
| Amortization of ITC                 | 0         | 0        | 0         |
| Amortization of PAA                 | 0         | 0        | 0         |
| Amortization of CIAC                | (171,782) | (42,344) | (129,438) |
| <u>Total</u>                        | 340,681   | 149,348  | 191,333   |
| Total Operating Expenses            | 915,315   | 356,825  | 558,490   |
| Net Operating Income                | 42,577    | (4,942)  | 47,519    |
| Interest During Construction        | (80)      | (20)     | (60)      |
| Interest on Debt                    | 167,102   | 41,993   | 125,109   |
| Net Income                          | (124,445) | (46,915) | (77,530)  |

## **Settlement Audit Exhibit DFS-11**

## Tega Cay Water Service, Inc. Balance Sheet September 30, 2005

| Assets Plant In Service Water Sewer Total  | 3,003,103<br>9,039,280   | 12,042,383  |                      |
|--|--------------------------|---|----------------------|
| Accumulated Depreciation - Water<br>Accumulated Depreciation - Sewer<br>Total<br>Net Utility Plant   | (731,857)<br>(2,179,368) | (2,911,225)                                       | 9,131,158            |
| Plant Acquisition Adjustment - Water<br>Plant Acquisition Adjustment - Sewer<br><b>Total</b>   | 39,157<br>245,676        |   | 284,833              |
| Construction Work In Process - Water<br>Construction Work In Process - Sewer<br><b>Total</b>   | 0                        |   | 0                    |
| Current Assets Cash Accounts Receivable - Net Other Current Assets Total   | 0<br>144,432<br>276      |   | 144,708              |
| Deferred Charges   | Total Assets             |   | 723<br>9,561,422     |
| <b>Liabilities and Other Credits</b>   |                          |   |                      |
| Capital Stock and Retained Earnings<br>Common Stock and Paid In Capital<br>Retained Earnings<br>Total  |                          | 2,606,917<br>378,199                              | 2,985,116            |
| Current and Accrued Liabilities Accounts Payable - Trade Taxes Accrued Customer Deposits Customer Deposits - Interest A/P - Associated Companies |                          | 32,350<br>88,663<br>58,630<br>27,388<br>(950,188) |                      |
| Total  Advances In Aid of Construction   |                          |   | (743,157)            |
| Water<br>Sewer<br><b>Total</b>   |                          | 0   | 0                    |
| Contributions In Aid of Construction<br>Water<br>Sewer<br><b>Total</b>   |                          | 1,686,534<br>5,128,610                            | 6,815,144            |
| Accumulated Deferred Income Tax<br>Unamortized ITC<br>Deferred Tax - Federal   |                          | 0<br>517,970                                      | 0,010,144            |
| Deferred Tax - State<br><b>Total</b><br><u>Total Liabili</u>   | ties and Other Credits   | (13,653)  | 504,317<br>9,561,420 |

## **BEFORE**

## THE PUBLIC SERVICE COMMISSION OF

## **SOUTH CAROLINA**

## **DOCKET NO. 2006-97-WS**

| IN R                   | E: )   |  |  |
|------------------------|--|--|--|
| Serv<br>rates<br>to ce | lication of Tega Cay Water  ice, Inc. for adjustment of and charges and modifications to extrain terms and conditions for the ision of water and sewer service.  SETTLEMENT TESTIMONY OF CONVERSE A. CHELLIS, III  OF CONVE |  |  |
| Q.                     | PLEASE STATE YOUR NAME, OCCUPATION AND BUSINESS ADDRESS.   |  |  |
| A.                     | My name is Converse A. Chellis, III. I am a Certified Public Accountant ("CPA")  |  |  |
|                        | and a principal in and the Director of Litigation Services and Property Tax Services for   |  |  |
|                        | Gamble Givens & Moody, LLC, a public accounting firm with offices in Charleston, Kiawah  |  |  |
|                        | Island, and Summerville, South Carolina. My office is located at 133 East First North Street,  |  |  |
|                        | Suite 9, Summerville, South Carolina 29483.  |  |  |
| Q.                     | PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND.   |  |  |
| A.                     | In 1965, I graduated from The Citadel, The Military College of South Carolina with a   |  |  |
|                        | bachelor's degree in business administration. I also have completed graduate level courses in  |  |  |
|                        | accounting at the University of Georgia. In addition, I have had a minimum of forty (40)   |  |  |
|                        | hours of continuing professional education ("CPE") each year since 1969, for a total of a  |  |  |
|                        | least 1,440 total CPE hours.   |  |  |
| Q.                     | PLEASE DESCRIBE YOUR WORK HISTORY AND PROFESSIONAL   |  |  |
|                        | EXPERIENCE PRIOR TO YOUR CURRENT POSITION.   |  |  |

Upon graduation from The Citadel in 1966, I served in the United States Air Force and was assigned to the Auditor General's staff. In 1969, I joined Touche Ross (now Deloitte and Touche) and was a senior accountant. I formed Chellis and Chellis in 1972, and have been a name partner and managing partner in several accounting firms until 1998. In 1999, I merged my firm with Gamble Givens & Moody, where I am a principal and Director of Litigation Services.

## ARE YOU A MEMBER OF ANY PROFESSIONAL ASSOCIATIONS?

Q.

A.

A.

Yes. I am a member of the American Institute of Certified Public Accountants ("AICPA"). From 1983-1985, I served on AICPA's continuing education executive committee, and in 1985 I served on the AICPA council.

I am also a member of the South Carolina Association of Certified Public Accountants ("SCACPA"). I served as Vice-President of the SCACPA's Coastal Chapter in 1977-78 and as President in 1978-79. In 1985 I served as the State President of the SCACPA, having previously served on the state level as Vice-President, Secretary/Treasurer, and Director. I have also been Chairman of the SCACPA's Committee on Continuing Professional Education, Chairman and trustee for the SCACPA's educational fund, and Chairman of the SCACPA's Committee on Cooperation with Governmental Agencies.

From 1986-1994, I was a member of the State Board of Accountancy, where I served as Secretary/Treasurer from 1988-1990 and Chairman from 1990-1993.

From 1982-1998, I was a member of Accounting Firms Associates, inc. I am also a past member of the American Society of Appraisers, and a current member of the American College of Forensic Examiners. In addition, I am a past associate in the Municipal Finance

| 1  |    | Officers Association, and I have held various offices in the National Association of        |
|----|----|---|
| 2  |    | Accountants. I am also active in the peer review process, which involves examination of the |
| 3  |    | work of other accountants and accounting firms to assure that quality controls are being    |
| 4  |    | applied in conformance with the Quality Control Standards adopted by the AICPA.             |
| 5  | Q. | HAVE YOU EVER GIVEN ANY PRESENTATIONS TO OTHER ACCOUNTANTS                                  |
| 6  |    | OR AUDITORS?  |
| 7  | A. | Yes. I have been a speaker and an instructor for the accounting profession on a             |
| 8  |    | number of accounting topics, including topics related to generally accepted accounting      |
| 9  |    | principles ("GAAP").  |
| 10 | Q. | HAVE YOU EVER BEEN QUALIFIED AS AN EXPERT WITNESS IN A SOUTH                                |
| 11 |    | CAROLINA COURT?   |
| 12 | A. | Yes. I have been qualified as an expert witness in both the circuit and family courts       |
| 13 |    | of South Carolina. I have also given testimony before this Commission and other             |
| 14 |    | administrative agencies.  |
| 15 | Q. | WHAT IS THE PURPOSE OF YOUR SETTLEMENT TESTIMONY?   |
| 16 | A. | The purpose of my settlement testimony is to support the adoption of the Settlement         |
| 17 |    | Agreement reached between Tega Cay Water Service, Inc., or "TCWS", and the South            |
| 18 |    | Carolina Office of Regulatory Staff, or "ORS", in this case.                                |
| 19 | Q. | IN YOUR OPINION, IS THE SETTLEMENT AGREEMENT A REASONABLE                                   |
| 20 |    | MEANS OF RESOLVING THE ISSUES IN THIS CASE?   |
| 21 | A. | Yes, it is.   |

WHAT IS THE BASIS FOR YOUR OPINION IN THIS REGARD?

Q.

22

I have several reasons for believing that the Settlement Agreement is a reasonable means by which to resolve the disputed issues in this case. First, one of the statutory duties of ORS is to facilitate the resolution of disputed issues involving matters within the jurisdiction of the Commission. I think it incumbent upon the other parties in cases before the Commission, which in this proceeding is only TCWS, to work with ORS in good faith in an attempt to reach a settlement. I believe that the Settlement Agreement reflects a good faith effort on the part of ORS and TCWS to meet their respective obligations in that regard.

Second, and as Dr. Skelton mentions in his testimony in support of the Settlement Agreement, capital markets recognize the value of settlements in ratemaking cases. Additional investment resulting from favorable capital markets would be an enhancement to economic development in South Carolina which is consistent with the public interest.

Third, a settlement brings the matter to an end without delay and the uncertainty of further proceedings; this in turn permits ORS to focus its talents and resources on other matters within its area of responsibility and permits the Company to focus upon the continued improvement and expansion of its facilities and services for the benefit of its customers.

In summary, the comprehensive settlement proposed by the parties in my opinion fairly balances the interest of the customers and the Company. I therefore respectfully urge that the Commission approve the Settlement Agreement.

## DOES THIS CONCLUDE YOUR SETTLEMENT TESTIMONY?

Yes it does.

Q.

A.

A.

## **BEFORE**

## THE PUBLIC SERVICE COMMISSION OF

## **SOUTH CAROLINA**

## **DOCKET NO. 2006-97-WS**

|    | IN R                     | E: )   |
|----|--------------------------|--|
|    | Servi<br>rates<br>certai | ication of Tega Cay Water  ce, Inc. for adjustment of and charges and modifications to in terms and conditions for the sion of water and sewer service.  SETTLEMENT TESTIMONY OF B. R. SKELTON, PhD. |
| 1  | Q.                       | PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND OCCUPATION.   |
| 2  | A.                       | My name is B. R. Skelton and my business address is 2962 Walhalla Highway,   |
| 3  |                          | Six Mile, South Carolina 29682. I am Professor Emeritus of Economics at Clemson  |
| 4  |                          | University and am engaged in a variety of private business endeavors, including real   |
| 5  |                          | estate brokerage and residential construction. I also act as a mediator and arbitrator.  |
| 6  |                          | Since 1974, I have mediated 190+ disputes and written decisions in over 1000 arbitration   |
| 7  |                          | cases, mostly union-management grievances. I have also arbitrated deferrals from the   |
| 8  |                          | courts and the NLRB.   |
| 9  | Q.                       | PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND  |
| 10 |                          | PROFESSIONAL EXPERIENCE.   |
| 11 | A.                       | I received my B.S. degree in Arts & Sciences (History & Economics) from  |
| 12 |                          | Clemson University in 1956. In 1958, I received a Masters of Science degree in   |
| 13 |                          | Agricultural Economics from Clemson University. I received my Ph.D. in Economics   |
| 14 |                          | from Duke University in 1964.  |

From 1959 to 1987, I was a professor of Economics at Clemson except for 1961-63 when I was in graduate school at Duke University. In addition to teaching standard economic theory, my academic background includes writing, lecturing and research in the areas of labor economics, economic development and arbitration. While at Clemson, I was a member of the Southern Economics Association and American Economic Association. I was also a member of the Arbitration Panel of the Federal Mediation and Conciliation Service and the American Arbitration Association. I retired from Clemson in 1987.

## 9 Q. PLEASE DESCRIBE YOUR WORK IN THE REAL ESTATE FIELD.

Over time I have developed subdivisions, commercial property, apartments and bought and sold real estate of all types.

## Q. DO YOU PROVIDE ANY CONSULTING SERVICES?

A.

I have served as a consultant to various individuals and companies, mostly wrongful death and injury, divorce, product liability and valuation of business losses. I was President of Economic Research and Consulting Associates prior to 1980, the business that provided this analysis. I have testified before the PSC in one case involving a water company in Oconee County.

## Q. DO YOU HOLD ANY OTHER PROFESSIONAL DESIGNATIONS?

Yes. I am a mediator and arbitrator and am licensed by the State of South
Carolina as both a real estate broker and residential contractor. I am also an elected
member of the National Academy of Arbitrators and have been a member since 1981.

## Q. WHAT IS THE PURPOSE OF YOUR SETTLEMENT TESTIMONY?

A. The purpose of my testimony is to provide support for the Settlement Agreement entered into by the parties in the proceeding on August 21, 2006. Specifically, I will be testifying as to the reasons why the 9.40% Return on Equity ("ROE") agreed to by the parties is a reasonable ROE for the Company in the context of a comprehensive settlement of this specific case and why the Commission should approve the proposed settlement.

Q.

A.

Q.

A.

# WHY, IN YOUR OPINION, IS THE SETTLEMENT ROE OF 9.40% SUPPORTABLE AS A REASONABLE ROE FOR THE COMPANY IN THE CONTEXT OF A COMPREHENSIVE SETTLEMENT AGREEMENT?

In the context of the present settlement agreement, which disposes of all issues in the case, rates set based upon a 9.40% ROE can provide investors the opportunity to earn a reasonable return on the Company's capital investment. Based on my knowledge of the capital market, and my understanding of its expectations related to regulated and non-regulated returns in the present economic context, I believe that 9.40% is a sufficient return which the capital market would expect in the context of a comprehensive settlement.

## WHY IS A SETTLEMENT IMPORANT TO CAPITAL MARKETS?

I believe that investors place great importance on the settlement of litigation disputes involving any industry. I am aware from my experience in mediating and arbitrating labor disputes that the capital markets in general react favorably to the settlement of wage/benefit issues which comprise only one aspect

of the overall financial picture for non-regulated industries. Whether utility rate cases are settled or litigated is even more important to investors in the utility industry as these cases involve every aspect of the financial picture of a utility and therefore figure prominently in analysts' reports and evaluations of these cases. The settlement of a rate case is therefore a factor that strongly influences the capital market's assessment of the regulatory climate a utility operates in. The capital market sees settlements as an indication of a cooperative relationship between a utility and its regulators and the other participants in the regulatory process. Given this, I believe that this settlement should be approved.

## Q. IN YOUR OPINION, ARE THERE OTHER REASONS WHY THE COMMISSION SHOULD APPROVE THE SETTLEMENT PROPOSED BY THE PARTIES IN THIS CASE?

13 A. Yes. I believe that administrative economy supports Commission approval of the 14 proposed settlement and that settlements should be favored since they reflect a 15 solution devised by the parties which is more likely to address their needs.

## Q. WOULD YOU ELABORATE ON THAT STATEMENT?

A.

Yes. The Commission has scarce resources available to be used in the discharge of its duties. These are important duties which have been delegated to the Commission by the legislature. Settlement of this case will permit the Commission to focus its resources on other matters within its purview. Further, in my experience as a mediator and arbitrator, I have come to understand that part of the value of settling disputed matters is that it results in a resolution more likely to fit

- the needs and circumstances of the parties than does an imposed resolution. I
- 2 believe that to be the case here.
- **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**
- 4 A. Yes, it does.

## EXHIBIT " E" to Settlement Agreement Docket No. 2006-97-WS

## TEGA CAY WATER SERVICE, INC.

## PROPOSED SCHEDULE OF RATES AND CHARGES

## I. WATER

## 1. CHARGE FOR WATER DISTRIBUTION ONLY

Where water is purchased from a government body or agency or other entity for distribution by the Company, the following rates apply:

## Residential

Basic Facilities Charge per single family house, condominium, mobile home or apartment unit:

\$7.56 per unit\*

Commodity charge:

\$1.69 per 1,000 gallons or 134 cft

## <u>Commercial</u>

Basic Facilities Charge

\$7.56 per single family equivalent (SFE)

Commodity charge:

\$ 1.69 per 1,000 gallons or 134 cft

The Utility will also charge for the cost of water purchased from the government body or agency, or other entity. The charges imposed or charged by the government body or agency, or other entity providing the water supply will be charged to the Utility's affected customers on a pro rata basis without markup. Where the Utility is required by regulatory authority with jurisdiction over the Utility to interconnect to the water supply system of a government body or agency or other entity and tap/connection/impact fees are imposed by that

<sup>\*</sup>Residential customers with meters of 1" or larger will be charged commercial rate

entity, such tap/connection/impact fees will also be charged to the Utility's affected customers on a pro rata basis, without markup.

Commercial customers are those not included in the residential category above and include, but are not limited to hotels, stores, restaurants, offices, industry, etc.

The Utility will, for the convenience of the owner, bill a tenant in a multi-unit building, consisting of four or more residential units, which is served by a master water meter or a single water connection. However, in such cases all arrearages must be satisfied before service will be provided to a new tenant or before interrupted service will be restored. Failure of an owner to pay for services rendered to a tenant in these circumstances may result in service interruptions.

When, because of the method of water line installation utilized by the developer or owner, it is impractical to meter each unit separately, service will be provided through a single meter, and consumption of all units will be averaged; a bill will be calculated based on that average and the result multiplied by the number of units served by a single meter.

## 2. Nonrecurring Charges

Tap Fees

\$600 per SFE\*

- 3. Account Set-Up and Reconnection Charges
  - a. Customer Account Charge for new customers only \$30.00
  - b. Reconnection Charges: In addition to any other charges that may be due, a reconnection fee of Forty dollars (\$40.00) shall be due prior to the Utility reconnecting service which has been disconnected for any reason set forth in Commission Rule R.103-732.5. Customers who ask to be reconnected within nine months of disconnection will be charged the monthly base facility charge for the service period they were disconnected. The reconnection fee shall also be due prior to reconnection if water service has been disconnected at the request of the customer.

## 4. Other Services

Fire Hydrant – One Hundred (\$100.00) per hydrant per year for water service payable in advance. Any water used should be metered and the commodity charge in Section One (1) above will apply to such usage.

## 5. Billing Cycle / Late Payment

Recurring charges will be billed monthly in arrears. Nonrecurring charges will be billed and collected in advance of service being provided. Any balance unpaid within twenty-five (25) days of the billing date shall be assessed a late payment charge of one and one-half (1.5%) percent for each month or any party of a month that said payment remains unpaid.

## 6. Extension of Utility Service Lines and Mains

The Utility shall have no obligation at its expense to extend its utility service lines or mains in order to permit any customer to connect to its water system. However, anyone or any entity which is willing to pay all costs associated with extending an appropriately sized and constructed main or utility service line from his/her/its premises to any appropriate connection point, to pay the appropriate fees and charges set forth in this rate schedule, and comply with the guidelines and standards hereof, shall not be denied service, unless water supply is unavailable or unless the South Carolina Department of Health and Environmental Control or other government entity has restricted the Utility from adding for any reason additional customers to the serving water system. In no event will the Utility be required to construct additional water supply capacity to serve any customer or entity without an agreement acceptable to the Utility first having been reached for the payment of all costs associated with adding water supply capacity to the affected water system.

## 7. Cross Connection Inspection Fee

Any customer installing, permitting to be installed, or maintaining any cross connection between the Utility's water system and any other non-public water system, sewer or a line from any container of liquids or other substances, must install an approved back-flow prevention device in accordance with 24A S.C. Code Ann. Regs. R.61-58.7.F.2 (Supp. 2004), as may be amended from time to time. Such a customer shall annually have such cross connection inspected by a licensed certified tester and provide to Utility a copy of a written inspection report and testing results submitted by the certified tester in accordance with 24A S.C. Code Ann. Regs. R.61—58.7.F.8.(Supp. 2004), as may be amended from time to time. Said report and results must be provided by the customer to the Utility no later than June 30<sup>th</sup> of each year. Should a customer subject to these requirements fail to timely provide such report and results, Utility may arrange for inspection and testing by a licensed certified tester and add the charges incurred by the Utility in that regard to the customer's next bill.

\* A Single Family Equivalent (SFE) shall be determined by using the South Carolina Department of Environmental Control Guidelines for Unit Contributory

Loadings for Domestic Wastewater Treatment Facilities -- 25 S.C. Code Ann. Regs. 61-67 Appendix A (Supp. 2005), as may be amended from time to time. Where applicable, such guidelines shall be used for determination of the appropriate monthly service and tap fee.

## II. SEWER

## 1. Monthly Charges

Residential - charge per single-family house, condominium, villa, mobile home or apartment unit:

\$33.02 per unit

Commercial:

\$33.02 per SFE\*

Commercial customers are those not included in the residential category above and include, but are not limited to, hotels, stores, restaurants, offices, industry, etc.

The Utility will also charge for treatment services provided by the government body or agency, or other entity. The rates imposed or charged by the government body or agency, or other, entity providing treatment will be charged to the Utility's affected customers on a pro rata basis, without markup. Where the Utility is required under the terms of a 201/208 Plan, or by other regulatory authority with jurisdiction over the Utility, to interconnect to the sewage treatment system of a government body or agency or other entity and tap/connection/impact fees are imposed by that entity, tap/connection/impact fees will be charged to the Utility's affected customers on a pro rata basis, without markup.

The Utility will, for the convenience of the owner, bill a tenant in a multi-unit building, consisting of four or more residential units, which is served by a master sewer meter or a single sewer connection. However, in such cases all arrearages must be satisfied before service will be provided to a new tenant or before interrupted service will be restored. Failure of an owner to pay for services rendered to a tenant in these circumstances may result in service interruptions.

## 2. Nonrecurring Charges

Tap Fees (which includes sewer Service connection charges and capacity charges) \$1,200.00 per SFE\*

The nonrecurring charges listed above are minimum charges and apply even if the equivalency rating of a non residential customer is less than one (1). If the equivalency rating of a non residential customer is greater than one (1), then the proper charge may be obtained by multiplying the equivalency rating by the appropriate fee. These charges apply and are due at the time new service is applied for, or at the time connection to the sewer system is requested.

## 3. Notification, Account Set-Up and Reconnection Charges

## a. Notification Fee

A fee of fifteen (\$15.00) dollars shall be charged each customer to whom the Utility mails the notice as required by Commission Rule R. 103-535.1 prior to service being discontinued. This fee assesses a portion of the clerical and mailing costs of such notices to the customers creating the cost.

b. Customer Account Charge - for new customers only.

A fee of twenty-five (\$25.00) dollars shall be charged as a one-time fee to defray the costs of initiating service. This charge will be waived if the customer is also a water customer.

c. Reconnection Charges: In addition to any other charges that may be due, a reconnection fee of two hundred fifty (\$250.00) dollars shall be due prior to the Utility reconnecting service which has been disconnected for any reason set forth in Commission Rule R.103-532.4.

## Billing Cycle

Recurring charges will be billed monthly, in arrears. Nonrecurring charges will be billed and collected in advance of service being provided.

5. Extension of Utility Service Lines and Mains

The Utility shall have no obligation at its expense to extend its utility service lines or mains in order to permit any customer to discharge acceptable wastewater into one of its sewer systems. However, anyone or any entity which is willing to pay all costs associated with extending an appropriately sized and constructed main or utility service line from his/her/its premises to an appropriate connection point, to pay the appropriate fees and charges set forth in this rate schedule and to comply with the guidelines and standards hereof, shall not be denied service, unless treatment capacity is unavailable or unless the South Carolina Department or Health and Environmental Control or other government entity has restricted the Utility from adding for any reason additional customers to the serving sewer system. In no event will the Utility be required to construct additional wastewater treatment capacity to serve any customer or entity without an agreement acceptable to the Utility first having been reached for the payment of

all costs associated with adding wastewater treatment capacity to the affected sewer system.

\*A Single Family Equivalent (SFE) shall be determined by using the South Carolina Department of Environmental Control Guidelines for Unit Contributory Loading for Domestic Wastewater Treatment Facilities --25 S.C. Code Ann. Regs. 61-67 Appendix A (Supp. 2005), as may be amended from time to time. Where applicable, such guidelines shall be used for determination of the appropriate monthly service and tap fee

## 6. Toxic and Pretreatment Effluent Guidelines

The Utility will not accept or treat any substance or material that has been defined by the United States Environmental Protection Agency ("EPA") or the South Carolina Department of Environmental Control ("DHEC") as a toxic pollutant, hazardous waste, or hazardous substance, including pollutants falling within the provisions of 40 CFR 129.4 and 401.15. Additionally, pollutants or pollutant properties subject to 40 CFR 403.5 and 403.6 are to be processed according to the pretreatment standards applicable to such pollutants or pollutant properties, and such standards constitute the Utility's minimum pretreatment standards. Any person or entity introducing any such prohibited or untreated materials into the Company's sewer system may have service interrupted without notice until such discharges cease, and shall be liable to the Utility for all damages and costs, including reasonable attorney's fees, incurred by the Utility as a result thereof.